

# M 7.0, 281 km ESE of Tadine, New Caledonia

Origin Time: 2022-03-31 05:44:01 UTC (Thu 16:44:01 local)

Location: 22.5855° S 170.3749° E Depth: 10.0 km

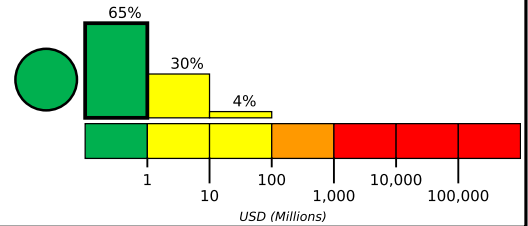
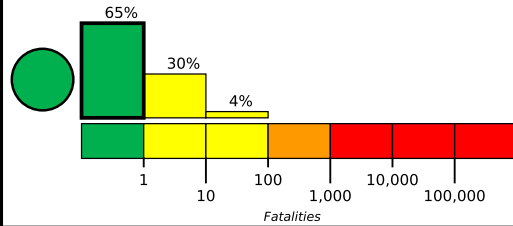
FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

Created: 3 weeks, 3 days after earthquake

## Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

## Estimated Economic Losses

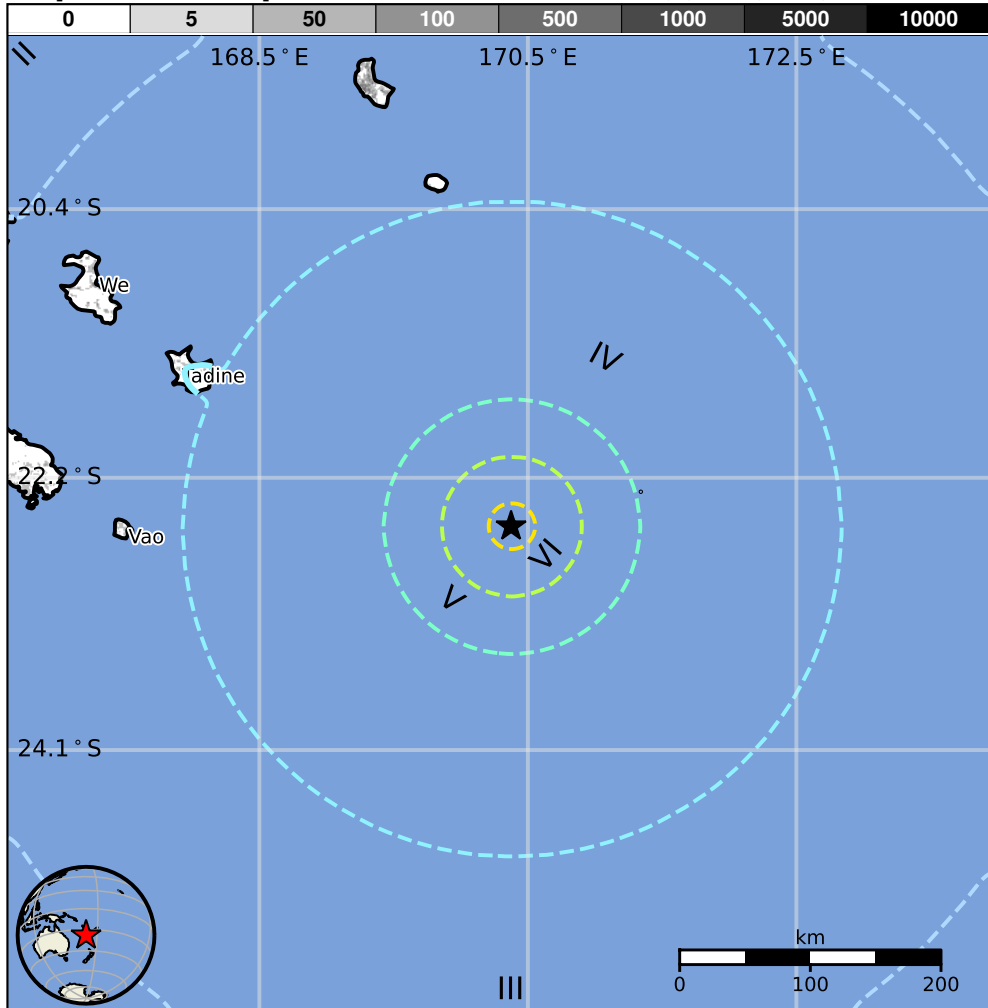


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	65k	3k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unknown/miscellaneous types and wood construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1980-03-08	110	7.2	I(0)	—
1992-10-19	358	6.1	VII(4k)	—
1973-12-09	301	6.9	VII(10k)	—

Recent earthquakes in this area have caused secondary hazards such as tsunamis that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Isangel	1k
III	Vao	2k
III	Yate-Barrage	2k
III	Tadine	7k
III	We	10k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000gymk#pager>

Event ID: us7000gymk